

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/28 18:13
L2	157	enhancing and persistence	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L3	4775	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
L4	758	MQSeries	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L5	0	L2 and L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L6	0	L2 and L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13

## EAST Search History

L7	28	L3 and L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L8	2	("20030191978").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
L9	2	("5452430").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
L10	4775	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
L11	454	L10 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L12	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/28 18:13

## EAST Search History

L13	452	L10 and persistent not L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L14	2553	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L15	882	L14 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L16	508	L15 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L17	438	message same oriented same middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 18:13
L18	2553	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L19	882	L18 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13

## EAST Search History

L20	508	L19 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L21	128	L20 and crash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L22	4775	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
L23	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/28 18:13
L24	452	L22 and persistent not L23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L25	122	L21 not L24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13

## EAST Search History

L26	121	L25 not "object\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L27	121	L26 not "service\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L28	121	L27 not "service_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L29	2553	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L30	882	L29 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L31	508	L30 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L32	128	L31 and crash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13

## EAST Search History

L33	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/28 18:13
L34	4775	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
L35	452	L34 and persistent not L33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L36	122	L32 not L35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L37	121	L36 not "object\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L38	121	L37 not "service\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13

## EAST Search History

L39	121	L38 not "service_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L40	121	L39 not "object_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L41	2553	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
L42	56972	"709".clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L43	2769	L42 and block near2 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L44	6616	L42 and block with message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L45	0	"709".clas. and "set of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L46	0	"709".clas. and "set of messages" or "block of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L47	4775	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
L48	2158044	L47 and (set of messages) or (block of messages)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L49	0	L47 and "set of messages" or "block of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13

## EAST Search History

L50	415	L42 and block adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L51	1540	L42 and set adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L52	56972	"709".clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L53	0	L52 and ("one or more" adj1 message) with browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L54	0	L52 and "one or more" adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L55	4	L52 and (set adj1 message) with browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L56	64	L52 and (one with more )adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L57	13	L56 and scan	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
L58	10	L56 and browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S1	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835")).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/28 08:42
S2	150	enhancing and persistence	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/27 14:37



## EAST Search History

S3	4122	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 16:12
S4	702	MQSeries	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 16:12
S5	26	S3 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 14:28
S6	0	S2 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 17:01
S7	0	S2 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 17:01
S8	2	("20030191978").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 09:08
S9	2	("5452430").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 09:09

## EAST Search History

S10	4131	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 09:46
S11	364	S10 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/27 10:35
S12	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/27 14:51
S13	362	S10 and persistent not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/27 13:37
S14	2098	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/27 13:39
S15	765	S14 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/27 13:39

## EAST Search History

S16	450	S15 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 08:22
S17	374	message same oriented same middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/28 08:21
S18	2109	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 08:22
S19	766	S18 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 08:22
S20	451	S19 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 08:22
S21	113	S20 and crash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:13
S22	4137	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 16:15

## EAST Search History

S23	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835")).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/28 10:15
S24	363	S22 and persistent not S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:15
S25	108	S21 not S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 13:25
S26	107	S25 not "object\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 13:26
S27	107	S26 not "service\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 13:31
S28	107	S27 not "service_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 13:32

## EAST Search History

S29	2150	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S30	775	S29 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S31	456	S30 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S32	116	S31 and crash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S33	4206	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 14:04
S34	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/01/23 14:04

## EAST Search History

S35	372	S33 and persistent not S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S36	111	S32 not S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S37	110	S36 not "object\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S38	110	S37 not "service\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S39	110	S38 not "service_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S40	110	S39 not "object_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S41	2150	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:01

## EAST Search History

S42	4206	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 16:13
S43	0	S42 and "set of messages" or "block of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:13
S44	2018265	S42 and (set of messages) or (block of messages)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:13
S47	51146	"709".clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:20
S48	0	"709".clas. and "set of messages" or "block of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:21
S49	0	"709".clas. and "set of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:21
S50	5885	S47 and block with message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:23
S51	2469	S47 and block near2 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:28
S52	362	S47 and block adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:39
S53	1371	S47 and set adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 08:41
S54	51146	"709".clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 08:41
S55	4	S54 and (set adj1 message) with browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 08:43
S56	0	S54 and ("one or more" adj1 message) with browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 08:44
S57	0	S54 and "one or more" adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 08:46

## EAST Search History

S58	53	S54 and (one with more )adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 08:53
S59	9	S58 and browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 09:02
S60	11	S58 and scan	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 09:02